SBR-09/29-5-13

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

No 3rd & Final Bill (For Other Works) Date 2013

Zone: BBMP, Yalahanka Division: BBMP, Byatarayanapura Sub-Division: BBMP, Kodigehalli

Bill Received No. Dated Divisional / Sub-Divisional Cash Book Voucher No. Dated

Job Code: 007-12-000036

Schedule Docket No. Head of Account: Est.Cost: Rs. 150.00 Lakhs D.R.NO.:

Name of Work : Improvements to Road and Drains From NH 7 to to Jakkur Kaval Road in Ward No.7, Kodigehalli Sub Division

Name of Contractor and Full Address:

M/s Sathya Construction,

Reference to Agreement No. EE/BTP/BBMP/E-TND/23/2012-13 Date:23.6.2012

Certified that the measurements were taken by me on 26/5/13 and recorded of Pages 193224 to 34 of measurement Book No. 1933 and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 29/5/13 and found correct. The work is executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer/ಉಪವಿಭಾಗಾಧಿಕಾರಿಗಳು/ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು - 560092

		Amount
1) Total value of work done or supplies made as per account within		1398812=00
2) Deduct amount to be held in reserve being.....Percent Rs.....		
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of	cancelled B.I	—
b) Payments cost store or other material supplied.		
Now made recovery of amount creditable to this /other work		
Amount paid on this bill Cheque/Cash	1st & part B.M	734500=00
	2nd & part B.M	499754=00
	3rd & Final B.M	164566=00
	IT	16457=00
	KST	65827=00
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No.... dated ..... less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within		
9) Value of Government materials supplied.		
	Total amount adjusted	98740=00

Contractor's Signature

Cure	16457=00
CBT	1646=00
Roy	21346=00
total ded	220473=00
By cheque	14,25,192=00

Received Rs.....(in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness

1

2

Dated Signature of Contractor

Paid by me by Cheque No. Dated

Cash Rs.....

Dated Date

Initials of Officer making payment

Stamp

Vr. No.

Chq. No.

Amount Rs. 1425192=00

Asst Supdt Exe Engineer
B T Pura Division B T Pura Dvn
BBMP

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 164566=00

ಗಳನ್ನು ಕಾಯ್ದು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ. 220473=00

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು

ರೂ. 1425192=00

Executive Engineer

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials within a lead of 100 metres from road boundary, labour charges complete as per specifications. **thorney jungle**	Sqm
2	Earthwork excavation for foundation of buildings, drains, Culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in **hard soil** not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum
3	Providing and laying in position plain cement concrete of mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2	Cum
4	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2	Sqm
5	Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, butresses, string or lacing courses, parapets, coping, bed blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No.KBS 4.1,4.6	Cum
6	KSRB 4.9.2 : Providing H.Y.S.D. steel (Cold. Twisted) reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3	Qntl
7	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructureincluding cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm
8	KSRB - 15.1.1: Providing flush pointing to square rubble, course or uncoursed stone masonry with **CM 1:3,** 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm
9	RCC Precast covering Slab for darin (10cm thick)	Sqm
10	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. size 450 x 200 x 400 mm	No
11	KSRB 2.5 : Earthwork excavation (in deposited soil) and filling sides of foundation upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum
12	Providing and fixing M.S Greatings as per detailed Specifications as per directions of Engineers in Charges	No
13	KSRRB M300-44: **Scarifying top bituminous surface** or surface dressing or premix carpet including picking up scarified materials, stacking of old serviceable materials within a lead of 100 metres by manual means including cost of all labour charges complete as per specifications. MORTH Chapter 3.	Sqm
14	KSRRB M300-2 : Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m. excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.MORTH Chapter 3.	Cum

Tender Q	Previous Measurement		Present Measurement			Total Upto Date	
	Qty	Cost	Qty	Rate Rs. P.	Amount	Qty	Cost
3950.00	3896.06	23376.00	0.00	6.00	0.00	3896.06	23376.00
1478.75	1478.67	280948.00	0.00	190.00	0.00	1478.67	280948.00
243.55	243.55	828078.00	0.00	3400.00	0.00	243.55	828078.00
5780.00	5438.37	1033291.00	320	190.00	60800.00	5758.37	1094091.00
375.70	373.21	1929481.00	0.00	5170.00	0.00	373.21	1929481.00
263.00	260.68	1506731.00	0.00	5780.00	0.00	260.68	1506731.00
75.00	56	33600.00	0.00	600.00	0.00	56.00	33600.00
75.00	75.00	4875.00	0	65.00	0.00	75.00	4875.00
870.00	870.00	1044000.00	0.00	1200.00	0.00	870.00	1044000.00
3511.11	2525.00	631250.00	986.00	250.00	246500.00	3511.00	877750.00
3555.00	3658.77	640284.75	0.00	175.00	0.00	3555.00	640284.75
50.00	0.00	0.00	50.00	750.00	37500.00	50.00	37500.00
3450.00	3450	58650.00	0.00	17.00	0.00	3450.00	58650.00
750.38	0.00	0.00	750.38	77.00	57779.00	750.38	57779.00

15	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base /base course on well prepared surface and compacting with vibratory rolle to achieve the desired density	Cum
16	Providing and applying **primer coat** from 7.5 tgo 9.8Kg per 10sqm for surfaces of low and mediam porosity respactively over prepared surface of granular base with cutback M.C. 70 or any other bitumen mixed with deisel at 10Kg per 10sqm heated in bitumen boiler fitted with spray set(excluding cleaning of road surface) incluing cost of all materials labour HOM of machinaries complet as per specifications	Sqm
17	KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5	Sqm
18	KSRRB M500-13: Providing and laying bituminous macadam 50mm thick with 100-120 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required gade, level and alignment and rolled as per Clauses 503.6 and 501.7 to achieve the desired compaction complete as per speiications. MORTH Specification N.504	Cum
19	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor conrol to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects complete as per specifications. **with 80/100 grade bitumen**	Cum
20	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm
21	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm
22	Carriage of mixed materials upto 10Kms	Cum
	Total	

914.25	914.25	950820.00	0.00	1040.00	**0.00**	**914.25**	**950820.00**
5002.50	5002.50	360180.00	0.00	72.00	**0.00**	**5002.50**	**360180.00**
18170.00	6,466.40	168126.40	1,873.45	26.00	**48710.00**	**8339.85**	**216836.40**
454.25	325.24	1813213.00	93.67	5575.00	**522224.00**	**418.91**	**2335437.00**
227.13	162.62	1172490.20	46.84	7,210.00	**337716.00**	**209.46**	**1510206.20**
316.00	0.00	0.00	286.60	430.00	**123238.00**	**286.60**	**123238.00**
711.00	0.00	0.00	680.85	45.00	**30638.00**	**680.85**	**30638.00**
2229.13	0.00	0.00	2,229.13	81.00	**180560.00**	**2229.13**	**180560.00**
		12479394.35			1645665.00		14125059.35

12342547=00

13988212=00

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.